

Amendments to the Substitute Specification

After the title and before the first paragraph, insert the following:

CROSS-REFERENCE TO RELATED APPLICATIONS

This application is a national stage filing based upon international application no. PCT/NL2004/000741, filed 20 October 2004 and published in English on 02 June 2005 under international publication no. WO 2005/048858 (the `741 application), which claims priority to Dutch application no. 1024658, filed 29 October 2003 (the `658 application). The `741 application and `658 application are both hereby incorporated by reference as though fully set forth herein.

Page 3, please replace the paragraph at lines 5-11 with the following:

With a catheter according to the invention, a thermal separation is provided between ~~said~~ the channel and ~~said first-end~~ the electrode. This thermal separation is provided such that fluid flowing through the channel during use substantially does not come into contact with ~~said first-end~~ the electrode before it flows out of ~~said~~ at least one outflow opening. Thus, during use, it is ensured that it is not the ~~first-end~~ electrode that is cooled by said fluid, at least not directly, but rather the fluid extending therearound, in particular blood. With this, coagulation can be prevented while the temperature of ~~said first-end~~ the electrode can be accurately measured.

Page 4, please replace the paragraph at lines 12-13 with the following:

The invention further relates to a method for thermal treatment such as ablation; ~~characterized by the features of claim 9.~~

Page 8, please replace the paragraph at lines 5-9 with the following:

In Fig. 4, a first, more advantageous alternative embodiment of a first end 4 of a catheter 1 according to the invention is shown, distinguished from the one according to Fig. 3 in that herein, the sleeve ~~13~~ 23 is also thermally insulated, while the thermocouple 16 is also arranged closer to the apex 36 of the tip 9, whereby an even more accurate temperature measurement of, in particular, the heart wall can be performed.